

<b>Form PTO-1449</b> U.S. DEPARTMENT OF COMMERCE (Rev. 8-83) PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. 089498-0490		SERIAL NO. 10/817,465	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				APPLICANT Joseph P. Kennedy et al.			
FILING DATE April 2, 2004				GROUP 1713			

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (If Appropriate)	
F	5,198,401	3/1993	Turner et al.	502	155		
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	5,448,001	9/1995	Baird	526	134		
	5,703,182	12/1997	Langstein et al.	526	185		
	6,008,307	12/1999	Shaffer	526	190		
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	Document Number	Date	Country	Class	Subclass	Translation Yes No	
F	DE 198 36 663 A1	2/2000	Germany	C08 F4/643			X
	WO 95/29940	11/1995	PCT	C08 F10/00			
	WO 99/06413	2/1999	PCT	C07 F5/02			
	WO 00/04061	1/2000	PCT	C08 F10/10			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
F	"Isobutene Polymerization Using Initiating Systems Based on $C_6F_4-1,2-[B(C_6F_5)_2]_2$ (1-F <sub>4</sub> )", The University of Akron, Dept. of Polymer Science, April 17, 2003, Goodyear Auditorium, Stewart P. Lewis, pgs. 1-46.						
	"Carbocationic Initiation of Polymerization of Vinyl Ethers and <i>N</i> -Vinylcarbazole Induced by $(\eta^5-C_5Me_5)TiMe_2(\mu-Me)B(C_6F_5)_3$ . The First Examples of Polymerization of This Class of Electron-Rich Olefins by a Metallocene-like Initiator", Q. Wang and M. C. Baird, <i>Macromolecules</i> , Vol. 28, No. 24, 1995, pgs. 8021-8027.						
	"Carbocationic Alkene Polymerizations Initiated by Organotransition Metal Complexes: An Alternative, Unusual Role for Soluble Ziegler-Natta Catalysts", M. C. Baird, <i>Chem. Rev.</i> 2000, 100, pgs. 1471-1478.						
EXAMINER				DATE CONSIDERED 02/06			

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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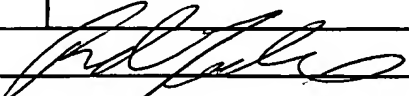
  

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Document Number	Date	Country	Class	Subclass	Translation Yes No		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	<p>"Isobutene Polymerization Initiated by <math>[CP^*TiMe_2]^+</math> in the Presence of a Series of Novel, Weakly Coordinating Counteranions", K. R. Kumar, C. Hall, A. Penciu, M. J. Drewitt, P. J. McInenly, and M. C. Baird, Journal of Polymer Science: Part A: Polymer Chemistry, Vol. 40, 2002, pgs. 3302-3311.</p> <p>"Highly Lewis Acidic Bifunctional Organoboranes", W. E. Piers, G. J. Irvine, and V. C. Williams, Microreview, Eur. J. Inorg. Chem. 2000, EurJIC 047/00, pgs. 1-12.</p> <p>"The <math>[Zr(N\{SiMe_3\}_2)_3]^+</math> Cation as a Novel Initiator for Carbocationic Isobutene Homo- and Isobutene/Isoprene Co-Polymerizations", A. G. Carr, D. M. Dawson, and M. Bochmann, Macromol. Rapid Commun. 19, 1998, pgs. 205-207.</p> <p>"The Aluminocenium Cation <math>[Al(C_3H_5)_2]^+</math>: A Highly Effective Initiator for the Cationic Polymerization of Isobutene, M. Bochmann and D. M. Dawson, Communications, Angew. Chem. Int. Ed. Engl. 1996, 35, No. 19, pgs. 2226-2228.</p> <p>"Isobutene Polymerization using a Chelating Diborane Co-Initiator", S. P. Lewis, N. J. Taylor, W. E. Piers, and S. Collins, J. Am. Chem. Soc. 2003, 125, pgs. 14686-14687.</p>

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
<div style="text-align: center;">17</div> <div style="text-align: center;">17</div>	<p>"Noncoordinating Anions in Carbocationic Polymerizations", T. D. Shaffer and J. R. Ashbaugh, Journal of Polymer Science: Part A: Polymer Chemistry, Vol. 35, 1997, pgs. 329-344.</p> <p>"Zirconocenes as Initiators for Carbocationic Isobutene Homo- and Copolymerizations", A. G. Carr, D. M. Dawson, and M. Bochmann, Macromolecules, Vol. 31, No. 7, 1998, pgs. 2035-2040.</p> <p>"Cationic Polymerizations at Elevated Temperatures by Novel Initiating Systems Having Weakly Coordinating Counteranions. I. High Molecular Weight Polyisobutylenes", Z. Pi, S. Jacob, and J. P. Kennedy, Ionic Polymerizations and Related Processes edited by Judith E. Puskas, part of the NATO Science Series, Series E, Applied Sciences, vol. 359, 1999, pgs. 1-12.</p> <p>"Highest Molecular Weight Polyisobutylenes and Isobutylene Copolymers by Initiating Systems Having Weakly-Coordinating Counteranions", J. P. Kennedy, Z. Pi, and S. Jacob, Polymeric Materials: Science and Engineering Proceedings of the A.C.S. Division of Polymeric Materials, vol. 80, 1999, pg. 495.</p> <p>"Carbocationic Polymerizations with Noncoordinating Boron Gegenions", T. D. Shaffer and J. R. Ashbaugh, Book of Abstracts, 211th ACS National Meeting, New Orleans, LA, March 24-28 (1996), Publisher: American Chemical Society, Washington D.C., pgs. 339-340.</p>
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